

KW DPPV: infection; human immunodeficiency virus; HIV-1; HIV-2; pain;  
 KW diabetes; infertility; obesity; anorexia; Parkinson's disease; stroke;  
 KW heart failure; hypertension; urinary retention; osteoporosis; cancer;  
 KW ulcer; allergy; cancer; psychiatric disorder; neurological disorder;  
 KW dyskinesia; reproductive disorder; inflammatory disorder;  
 KW metabolic disorder; gene; ss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN W0200231134-A2.  
 XX  
 PD 18-APR-2002  
 XX  
 PF 12-OCT-2001: 2001WO-0531874.  
 XX  
 PP 12-OCT-2000: 2000US 240117P.  
 XX  
 PA (PERR ) FERRING BV.  
 XX  
 PI Qi S, Akitsanya KO, Riviere PJ, Juntion J;  
 XX  
 DR WPI: 2002-444178/47.  
 DR P-PSDB: ABG61601.  
 XX  
 PT New dipeptidyl peptidase IV-related proteins and nucleic acids encoded by  
 PT the proteins, useful for treating e.g. fungal, bacterial, protozoan and  
 PT viral infections, cancers, allergies, neurological disorders, or pain.  
 PT  
 PS Disclosure: Page 75-76; 11pp; English.  
 XX  
 CC The present invention relates to the isolation of novel human serine  
 CC proteases referred to as dipeptidyl peptidase IV (DPP-IV)-related  
 CC proteins (DPPR). The dipeptidyl peptidase IV-related proteins (DPPR)  
 CC and nucleic acids encoding them are useful for treating infections,  
 CC such as fungal, bacterial, protozoan and viral infections, particularly  
 CC infections caused by human immunodeficiency virus (HIV-1 or HIV-2),  
 CC pain, diabetes, precocious puberty, infertility, obesity, anorexia,  
 CC bulimia, Parkinson's disease, acute heart failure, hypotension,  
 CC hypertension, urinary retention, osteoporosis, angina pectoris,  
 CC stroke, ulcers, asthma, allergies, cancers, migraine, vomiting,  
 CC psychotic and neurological disorders (e.g. anxiety, dementia, or  
 CC schizophrenia), and dyskinesias. These may also be used in discovering  
 CC therapeutic agents for the treatment of reproductive, inflammatory and  
 CC metabolic disorders. ABR83327-ABR83343 encodes human DPPR proteins.  
 CC  
 SO Sequence 4685 BP; 1430 A; 853 C; 991 G; 1411 T; 0 other.  
 Alignment Scores:  
 Pred. No.: 0.865  
 Score: 31.00  
 Percent Similarity: 100.00%  
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 Query Match: 100.00%  
 DB: 3  
 (gaps: 0)  
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 QY 1 GIUAIGHISSEITLARG 6  
 DB 2610 GAGACACACAGACATACAGA 2627  
 RESULT 3  
 ID ABR83327 standard; cDNA: 4829 BP.  
 AC ABR83327:  
 XX  
 DT 12-AUG-2002 (first entry)  
 XX  
 DE cDNA encoding human DPPR-1 splice variant #3.  
 XX  
 KW Human; serine protease; dipeptidyl peptidase IV-related protein; DPPR

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 CC schizophrenia), and dyskinesias. These may also be used in discovering  
 CC therapeutic agents for the treatment of reproductive, inflammatory and  
 CC metabolic disorders. ABR83327-ABR83343 encodes human DPPR proteins.  
 CC  
 SO Sequence 4829 BP; 1466 A; 849 C; 170 G; 144 T; 0 other.  
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 Query Match: 100.00%  
 DB: 1  
 (gaps: 0)  
 MOTIF (1-6) x ABR83327 (1-4829)  
 QY 1 JIARHISSEITLARG 6  
 DB 2754 GAGACACACAGACATACAGA 2771  
 Search completed: May 13, 2003 07:39:40  
 Job time: 1 secs

